z_n is the value of the depth assigned to the pixel at x_n,y_n

k_a to k_f are constants previously determined by the algorithm

R_n is the value of the Red component of the pixel at x_n,y_n

G_n is the value of the Green component of the pixel at x_n,y_n

B_n is the value of the Blue component of the pixel at x_n,y_n

T is a measurement of time, for this particular frame in the sequence.

59 (New) A method as claimed in claim 43, wherein said second algorithm computes:

$$z_n = k_a.x_n + k_b.y_n + k_c.R_n + k_d.G_n + k_e.B_n + k_f.T$$

where:

n is the nth pixel in the image

z_n is the value of the depth assigned to the pixel at x_n,y_n

k_a to k_f are constants previously determined by the algorithm

R_n is the value of the Red component of the pixel at x_n,y_n

G_n is the value of the Green component of the pixel at x_n,y_n

B_n is the value of the Blue component of the pixel at x_n,y_n

T is a measurement of time, for this particular frame in the sequence.

60 (New) A method as claimed in claim 47, wherein said second algorithm computes:

$$z_n = k_a.x_n + k_b.y_n + k_c.R_n + k_d.G_n + k_e.B_n + k_f.T$$

where:

n is the nth pixel in the image

z_n is the value of the depth assigned to the pixel at x_n,y_n

k_a to k_f are constants previously determined by the algorithm

R_n is the value of the Red component of the pixel at x_n,y_n

G_n is the value of the Green component of the pixel at x_n,y_n

B_n is the value of the Blue component of the pixel at x_n,y_n

T is a measurement of time, for this particular frame in the sequence.